

guller
3/13/85
?

Narrative: Mansfield Products Company

The Mansfield Products Company, a Division of White Westinghouse, is located on the east side of Mansfield bordering Rocky Fork Creek. The company has been in operation since 1936 and is a manufacturer of washers, dryers, and other appliances. The wastes are generated from the metal finishing process which includes wastewater containing heavy metals. Before 1960 this wastewater was disposed directly into Rocky Fork. In 1960 an industrial wastewater treatment plant (IWTP) was built with an NPDES permit granted in 1976. Through the years many violations have been documented (mostly high levels of Nickel). In 1981 Mansfield Products spent \$300,000 to improve and expand their IWTP. Since then the plant has shown acceptable operating levels with minor exceptions occurring during mechanical failure.

From 1936 to 1960 treatment of wastewater was not required. The main substances present include nickel, zinc, copper, chromium, lead, and cyanide. Large quantities of these wastes were probably deposited in the sediment on the stream bottom. It is impossible to make an accurate estimation on the amounts of metals which may have been deposited in the sediment. Available information indicates considerable amounts may be present. Since it has been many years, uncontaminated sediment may overlie the affected layer. A water quality survey was completed by the Ohio EPA including the segment of Rocky Fork which passes through the Mansfield Products' area. The water quality in this area is poor with marked increases in heavy metal concentrations (OEPA, 1983). These concentrations are a result of several point source discharges along with possible background concentrations from contaminated sediment. Unfortunately, no sediment data was obtained during this survey.

With the expanded IWTP, treatment has been improved and violations reduced. Since the plant is under Ohio EPA regulation and no apparent hazards exist, a FIT inspection is unwarranted. The site should be a low priority for additional State action. To better evaluate the site, a sample from the contaminated area of the stream bottom should be analyzed to obtain the concentration of heavy metals which are present.

KCC/BGC/1st
3/19/84

cc: File

Revised 3/7/85-T. Jennings

US EPA RECORDS CENTER REGION 5



453350



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH D000723601

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

MANSFIELD PRODUCTS CO.

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

246 EAST FOURTH STREET

03 CITY

DIV. OF WHITE WESTINGHOUSE

04 STATE

05 ZIP CODE

06 COUNTY

07 COUNTY CODE

08 CONG DIST

MANSFIELD

OH

44902

RICHLAND

139

13

09 COORDINATES

LATITUDE

LONGITUDE

40° 45' 49"

82° 30' 20"

63 SE, MANSFIELD NORTH QUAD

10 DIRECTIONS TO SITE (Starting from nearest public road)

TAKE S.R. 13 (MAIN ST.) NORTH TO FOURTH ST., GO RIGHT TO WAYNE ST. HEAD NORTH AND PLANT EXTENDS OVER LARGE AREA ACROSS ROCKY CR.

III. RESPONSIBLE PARTIES

01 OWNER (If known)

MANSFIELD PRODUCTS COMPANY

02 STREET (Business, mailing, residential)

246 EAST FOURTH STREET

03 CITY

MANSFIELD

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

OH

44902

(419) 755-6560

07 OPERATOR (If known and different from owner)

SAME

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: 1/1/81
MONTH DAY YEAR

☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 5/18/81
MONTH DAY YEAR

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES
☐ NO

DATE 10/20/76
MONTH DAY YEAR

BY (Check all that apply)

☒ A. EPA

☐ B. EPA CONTRACTOR

☐ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☐ A. ACTIVE

☒ B. INACTIVE

☐ C. UNKNOWN

ADW USE IWTIP

03 YEARS OF OPERATION

1936

1960

BEGINNING YEAR

ENDING YEAR

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

HEAVY METALS FROM METAL FINISHING WASTE WATER:

COPPER

NICKEL

LEAD

ALSO CYNIDE, CHLORIDE

ZINC

CHROMIUM

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

BEFORE 1960, UNTREATED WASTE WATER WAS DUMPED DIRECTLY INTO ROCKY FORK CREEK. RELATIVELY HIGH CONCENTRATIONS OF HEAVY METALS ARE BELIEVED TO HAVE SETTLED OUT ON STREAM BOTTOM.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

KEVIN C. CLOUSE

02 OF (Agency/Organization)

OHIO EPA (DHMM)

03 TELEPHONE NUMBER

(419) 352-8461

04 PERSON RESPONSIBLE FOR ASSESSMENT

SAME

05 AGENCY

06 ORGANIZATION

07 TELEPHONE NUMBER

08 DATE

2/28/84
MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH D000723601

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: <200

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

A POSSIBILITY THAT METALS MAY HAVE MOVED THROUGH THE STREAM
BOTTOM TO GROUNDWATER DURING GROUNDWATER RECHARGING
PERIODS.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: ~500

02 ☒ OBSERVED (DATE: 1936-1960)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Prior to 1960, METAL FINISHING WASTEWATER WAS DISPOSED DIRECTLY INTO
ROCKY FORK CREEK.

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL -

03 AREA POTENTIALLY AFFECTED: _____ (Acres)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: <200

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

IF ANY METALS INFILTRATED INTO GROUNDWATER, THEN NEARBY
WELLS MAY BE AFFECTED.

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: ~500

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

HEAVY METALS MAY BE PASSED THROUGH FOOD CHAIN IF AQUATIC LIFE HAVE BEEN
CONTAMINATED (NO DATA) AND LATER INGESTED BY HUMANS. ALSO POSSIBLE DRINKING
WATER CONTAMINATION TO RURAL, STREAM BORDERING RESIDENTS.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

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II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

MAY CONCENTRATE HEAVY METALS (NO EVIDENCE IN ROCKY FORK CREEK).

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

SAME AS ABOVE

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

HEAVY METALS SETTLE OUT OF STREAM BED IN SEDIMENT ALLOWING FOR
THE POSSIBILITY OF CONTAMINATION TO PLANTS AND ANIMALS.
AQUATIC

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

02 ☒ OBSERVED (DATE: 1/3/86-1/16/80)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 500

04 NARRATIVE DESCRIPTION

EFFLUENT FROM MANSFIELD PRODUCTS HAS BEEN DISPOSED DIRECTLY INTO
THE STREAM WITHOUT TREATMENT.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 7/22/83)

☐ POTENTIAL

☐ ALLEGED

MULTIPLE

SEVERAL TIMES SINCE NPDES PERMIT (1976) THERE HAVE BEEN VIOLATIONS
ON REGULATION LIMITS, USUALLY NICKLE.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: ~500

IV. COMMENTS

ON ATTACHED NARRATIVE.

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

OHIO EPA FILES (NWDO INDUSTRIAL WASTE WATER FILES)